

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

Claim 1 has been amended as follows:

1. (twice amended) An exercise monitoring system, comprising:
 - (a) a data acquisition unit comprising an electronic positioning device and [;
 - (b)] a physiological monitor, said data acquisition unit configured to be worn by a subject performing a physical activity; and
 - (b[c]) a display unit configured for displaying real-time data provided by said electronic positioning device and said physiological monitor, said display unit separate from said data acquisition unit;

wherein said display unit is configured to be worn by the subject, worn by someone other than the subject, or attached to an apparatus associated with the physical activity being performed by the subject so as to be visible to the subject while performing the physical activity, and

further wherein said system is configured such that said display unit displays real-time data comprising at least one of a subject's location, altitude, velocity, pace, and distance traveled.

Claim 3 has been amended as follows:

3. (amended) The system of claim [2] 1, wherein said electronic positioning device comprises a GPS device.

Claim 6 has been cancelled.

Claim 7 has been amended as follows:

7. (amended) The system of claim [6] 1, wherein said electronic positioning device comprises a GPS device, and further wherein said data acquisition unit further comprises a support member, and said GPS device and said physiological monitor are provided on said support member.

Claim 9 has been amended as follows:

9. (amended) The system of claim [6] 1, wherein said data acquisition unit is configured to be worn about a human user's waist.

Claim 10 has been amended as follows:

10. (amended) The system of claim [6] 1, wherein said data acquisition unit is configured to be worn about a human user's chest.

Claim 18 has been amended as follows:

18. (amended) An exercise monitoring system, comprising:
- (a) an electronic positioning device configured to receive electromagnetic signals from three or more sources so that said monitoring system can determine at least one of a subject's velocity or pace, wherein said electronic positioning device is provided as part of a data acquisition unit;
 - (b) a display unit configured to be worn by a user and for displaying real-time data provided by said electronic positioning device wherein said display unit is separate from said electronic positioning device; and
 - (c) an alarm, wherein said alarm is activated when a subject's velocity or pace does not meet a predetermined target.

Claim 59 has been cancelled.

Claim 60 has been amended as follows:

60. (amended) The exercise monitoring system of claim [59] 1, wherein said display unit comprises a heads-up type display unit configured to display said data by projecting the data onto glasses, goggles or a visor, or by projecting the data onto a display screen positioned such that the data will be visible to a user.

Claim 61 has been cancelled.

Claim 62 has been amended as follows:

62. (amended) The exercise monitoring system of claim [2] 1, wherein said system is configured such that the display unit simultaneously displays: at least one of a

subject's velocity, pace and distance traveled; and physiological data provided by said physiological monitor.

Claim 63 has been amended as follows:

63. (amended) The exercise monitoring system of claim [6] 1, wherein said system further comprises at least one memory, and at least one processor for processing acquired data in accordance with instructions stored in said at least one memory.

Claim 66 has been amended as follows:

66. (amended) The exercise monitoring system of claim [6] 1, wherein said display unit is configured for communication with said data acquisition unit via a wired or wireless link, such that data indicative of at least one of a subject's velocity or pace can be transmitted to said display unit.

Claim 75 has been cancelled.

Claim 76 has been amended as follows:

76. (amended) The exercise monitoring system of claim [75] 74, wherein said data acquisition unit further comprises a support member, and said GPS device is removably secured to said support member.